

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/811,170  
Source: 1FW/6  
Date Processed by STIC: 8/2/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 08/02/2005

PATENT APPLICATION: US/10/811,170

TIME: 15:18:39

Input Set : A:\711A seqlist.txt

Output Set: N:\CRF4\08022005\J811170.raw

4 &lt;110&gt; APPLICANT: Sleeman, Mark W.

5 Wiegand, Stanley J.

7 &lt;120&gt; TITLE OF INVENTION: Methods of Treating Diabetes by Blocking VEGF-Mediated Activity

9 &lt;130&gt; FILE REFERENCE: 711A

11 &lt;140&gt; CURRENT APPLICATION NUMBER: 10/811,170

12 &lt;141&gt; CURRENT FILING DATE: 2004-03-26

14 &lt;150&gt; PRIOR APPLICATION NUMBER: 60/458,790

15 &lt;151&gt; PRIOR FILING DATE: 2003-03-28

17 &lt;160&gt; NUMBER OF SEQ ID NOS: 2

19 &lt;170&gt; SOFTWARE: FastSEQ for Windows Version 4.0

21 &lt;210&gt; SEQ ID NO: 1

22 &lt;211&gt; LENGTH: 1377

23 &lt;212&gt; TYPE: DNA

24 &lt;213&gt; ORGANISM: homo sapiens

26 &lt;400&gt; SEQUENCE: 1

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27 atggtcagct actgggacac cgggggtcctg ctgtgcgcgc tgctcagctg tctgtcttctc 60
28 acaggatcta gttccggaag tgataccggt agacctttcg tagagatgta cagtgaatc 120
29 cccgaaatta tacacatgac tgaagggaagg gagctcgctca ttccctgccg gggtacgtca 180
30 cctaacaatca ctgttacttt aaaaaagttt ccacttgaca ctttgatccc tgatggaaaa 240
31 cgcataatct gggacagtag aaagggcttc atcatatcaa atgcaacgta caaagaaata 300
32 gggcttctga cctgtgaagc aacagtcaat gggcatttgt ataagacaaa ctatctcaca 360
33 catcgacaaa ccaatacaat catagatgtg gttctgagtc cgtctcatgg aattgaacta 420
34 tctgttggag aaaagcttgt cttaaattgt acagcaagaa ctgaactaaa tgtggggatt 480
35 gacttcaact ggggaataccc ttcttcgaag catcagcata agaaacttgt aaaccgagac 540
36 ctaaaaaccc agtctgggag tgagatgaag aaatttttga gcaccttaac tatagatggt 600
37 gtaaccggga gtgaccaagg attgtacacc tgtgcagcat ccagtgggct gatgaccaag 660
38 aagaacagca catttgcag ggtccatgaa aaggacaaaa ctcacacatg cccaccgtgc 720
39 ccagcacctg aactcctggg gggaccgtca gtcttcctct tcccccaaaa acccaaggac 780
40 accctcatga tctcccgga cctgaggtc acatgcgtgg tggaggacgt gagccacgaa 840
41 gaccctgagg tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca 900
42 aagccgcggg aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg 960
43 caccaggact ggctgaatgg caaggagtac aagtgcagg tctccaacaa agccctccca 1020
44 gcccccatcg agaaaacat ctcaaagcc aaagggcagc cccgagaacc acaggtgtac 1080
45 accctgcccc catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc 1140
46 aaaggcttct atcccagcga catcgccgtg gagggggaga gcaatgggca gccggagaac 1200
47 aactacaaga ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag 1260
48 ctaccctggg acaagagcag gtggcagcag ggggaacgtct tctcatgctc cgtgatgcat 1320
49 gaggtcttgc acaaccacta cacgcagaag agcctctccc tgtctccggg taaatga 1377

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51 &lt;210&gt; SEQ ID NO: 2

52 &lt;211&gt; LENGTH: 458

53 &lt;212&gt; TYPE: PRT

54 &lt;213&gt; ORGANISM: homo sapiens

56 &lt;400&gt; SEQUENCE: 2

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```

57 Met Val Ser Tyr Trp Asp Thr Gly Val Leu Leu Cys Ala Leu Leu Ser
58 1 5 10 15
59 Cys Leu Leu Leu Thr Gly Ser Ser Ser Gly Ser Asp Thr Gly Arg Pro
60 20 25 30
61 Phe Val Glu Met Tyr Ser Glu Ile Pro Glu Ile Ile His Met Thr Glu
62 35 40 45
63 Gly Arg Glu Leu Val Ile Pro Cys Arg Val Thr Ser Pro Asn Ile Thr
64 50 55 60
65 Val Thr Leu Lys Lys Phe Pro Leu Asp Thr Leu Ile Pro Asp Gly Lys
66 65 70 75 80
67 Arg Ile Ile Trp Asp Ser Arg Lys Gly Phe Ile Ile Ser Asn Ala Thr
68 85 90 95
69 Tyr Lys Glu Ile Gly Leu Leu Thr Cys Glu Ala Thr Val Asn Gly His
70 100 105 110
71 Leu Tyr Lys Thr Asn Tyr Leu Thr His Arg Gln Thr Asn Thr Ile Ile
72 115 120 125
73 Asp Val Val Leu Ser Pro Ser His Gly Ile Glu Leu Ser Val Gly Glu
74 130 135 140
75 Lys Leu Val Leu Asn Cys Thr Ala Arg Thr Glu Leu Asn Val Gly Ile
76 145 150 155 160
77 Asp Phe Asn Trp Glu Tyr Pro Ser Ser Lys His Gln His Lys Lys Leu
78 165 170 175
79 Val Asn Arg Asp Leu Lys Thr Gln Ser Gly Ser Glu Met Lys Lys Phe
80 180 185 190
81 Leu Ser Thr Leu Thr Ile Asp Gly Val Thr Arg Ser Asp Gln Gly Leu
82 195 200 205
83 Tyr Thr Cys Ala Ala Ser Ser Gly Leu Met Thr Lys Lys Asn Ser Thr
84 210 215 220
85 Phe Val Arg Val His Glu Lys Asp Lys Thr His Thr Cys Pro Pro Cys
86 225 230 235 240
87 Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
88 245 250 255
89 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
90 260 265 270
91 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
92 275 280 285
93 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
94 290 295 300
95 Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
96 305 310 315 320
97 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
98 325 330 335
99 Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
100 340 345 350
101 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
102 355 360 365
103 Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
104 370 375 380
105 Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn

```

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106	385					390				395				400					
107	Asn	Tyr	Lys	Thr	Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe			
108						405				410					415				
109	Leu	Tyr	Ser	Lys	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn			
110				420					425					430					
111	Val	Phe	Ser	Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr			
112			435					440					445						
113	Gln	Lys	Ser	Leu	Ser	Leu	Ser	Pro	Gly	Lys									
114		450						455											

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/811,170

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